

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/634,220
	Filing Date	August 5, 2003
	First Named Inventor	Kryliouk et al.
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	5853-413

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	AKERMAN SENTERFITT Neil R. Jetter	
Signature		
Date	March 30, 2004	

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: KRYLIOUK et al.

Application No.: 10/634,220

Examiner:

Filed: August 5, 2003

Group Art Unit:

For: GROUP III-NITRIDE GROWTH ON Si SUBSTRATE USING
OXYNITRIDE INTERLAYER

CERTIFICATE UNDER 37 CFR 1.8(a)

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Neil R. Jetter

Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

Date: March 30, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the Duty to Disclose under 37 C.F.R. § 1.56, Applicants hereby disclose information that may be relevant to the Examiner's consideration of the above-identified application and the patentability of its claims.

In accordance with Rules 56, 97, and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), Form PTO/SB/08B and copies of references cited therein are submitted for consideration by the Examiner. While the references provided in this Supplemental Information Disclosure Statement may be material to patentability pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be

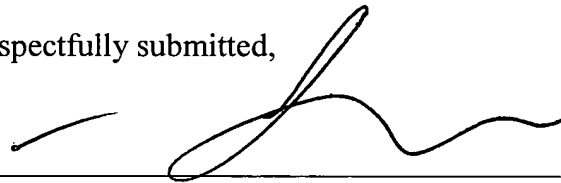
{WP174288;1}

In re Application of: KRYLIOUK et al.
Application No.: 10/634,220
Filed: August 5, 2003
Group Art Unit:
For: GROUP III-NITRIDE GROWTH ON Si SUBSTRATE USING
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construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

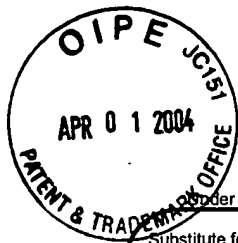
This Supplemental Information Disclosure Statement is being filed before the issuance of a first office action on the merits of the application (37 C.F.R. 1.97(b)(3)); therefore, no fee is believed to be due. However, if any fee is due, the Commissioner is authorized to charge any such fee and any additional fees due or credit any overpayment to Deposit Account No. 50-0951.

Respectfully submitted,



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Docket No. 5853-413



PTO/SB/08B (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/634,220
Filing Date	August 5, 2003
First Named Inventor	Kryliouk et al.
Art Unit	
Examiner Name	
Attorney Docket Number	5853-413

Sheet	1	of	1
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KRYLIOUK et al., "SINGLE CRYSTAL GaN SUBSTRATE GROWN by HYDRIDE-METAL ORGANIC VAPOR PHASE EPITAXY (H-MOVPE)," Electromechanical Society Proceedings, 98-18:99-107, 1998.	
		LUKAS et al., "OPTIMIZATION OF PHASE DIAGRAMS BY A LEAST SQUARES METHOD USING SIMULTANEOUSLY DIFFERENT TYPES OF DATA," CALPHAD, 1:225-236, 1977.	
		SUNDMAN et al., "THE THERMO-CALC DATABANK SYSTEM," CALPHAD, 9:153-190, 1985.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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